What You Should Know About Your Auto; How To Drive and Keep It

Expert Advice How to Keep Automobiles Running Smoothly and the Best Way to Remedy Machine Trouble-Traffic Suggestions and Pleasure Routes for Evening World Readers.

By GEORGE H. ROBERTSON.



and thoroughness used in the process of renning.

of the crude petroleum from which the lubricating oil is made and the care

For the proper lubrication of pistons, piston rings and cylinder walls film of oil must at all times cover their contact surface. The piston, driven forward by the exploding gases, exposes the protecting film of oil on the cylinder walls directly to the intense heat of the explosion, between 2,000 and 3.000 degrees Fahrenheit. This temperature is far above the flash point of any known oil. As a result there is carbonization. The but carbon and the adiphur compounds freed by the combustion of poor oil

the explosion chamber and causes what is commonly known as a carbon night, slacking to-night, slacking on

licenses.

Assemble Editori

Why is it that when you have a storage battery the solier will tell you to have it charged about every and weeks? (2) When one is running his and a lattle carbon. Refore using it care every day, and occasionally at his spring I put in new hands, leather stitching and coward shoes night, is he not keeping it well. Strapped carbon and ground valves accepted of first instead, who are entisting the charged, and why is it presents in the care of the compression and valves accepted and who is it presents in the carbon and ground valves accepted and who is it presents and valves accepted in stack suits, sport shirts with lay-

touring car, which I am capable c driving. Must I have a regular II cense to drive it, or can I get a rela-tive's license for \$1. If S. Get operator's driving license. You

do not need a chause.

you drive for hire.

Automobile Editor

Do you recommend the use of a

Do you recommend the use of a

any possible danger of damage to car in using it? H. McL. in Hquid carbon removers, preferring the burning method, or, better still, scraping by hand. The only danger, if it could be called such, is that the liquid has a tendency to remove the lubricant that is deposited in the pores of the cylinder metal, and care the following questions:

(2) A progressive? Munday reviewed a company leaving transmission? (3) Scientive? (4) Magnetic transmission? (5) What kind is a jaw duty at the water works. It leads one who has seen the cafes on Mannest transmission?

be exercised after starting Would appreciate your advice regarding the cleaning of cylinders of a Buick. Have been informed about a quart of kerosene into air intake when engine is hot, put on muffler and speed engine. Is that correct and is there any possibility of causing fire?

G. 1. M.

ing fire?

Yes, this is a good plant also after stopping motor, put a little kerosene, say a teaspoonful or so, in each cylinder and let it stay there overnight. There is no danger of causing fire.

Automobile Editor:
What is the result if the clutch fingers are screwed up inevenly?
What indicates that the fingers need adjusting? What is the cause of a jerky motion of the car changing from low to high for a distance about 200 feet, after which the raining is uniform? When should the slow speed band be adjusted?

READER. The clutch will wear unevenly and may slip. Uneven action or slipping. Clutch takes held, slips and takes held again and continues until car has attained certain speed. When it either slips or binds.

I have a 1912 Ford, it was running



ROBERTSON IS RIGHT George H. Robertson, the world's

"After a thursuch inspection of rour equipment and method of in-struction I do not besitate to recom-mend your course to add one." Day and Evening Chases: also private listraction at boars to sait convenience SPECIAL CLASSES FOR LADIES.

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"Slacking To-Night on the Old Camp Ground" Is an Unsung Song in Twenty-third's Armory



car every day, and becamonally at hight, is he not keeping it well charged, and why is it necessary to have it charged at a station? And when battery is fully charged and motor is running is there any chance of spoiling generator through heating up, and what becomes of surplus current when not using lights? R. A.

The storage battery man is probably of to your ignorance and is look-for some easy money. (2) If the generator is in good condition it will take care of all the battery, as the capacity of the generator is just large enough to take care of the battery, as the capacity of the generator is just large enough to take care of the battery and no more.

Automobile police:

I have a brother-in-law who has a touring car, which I am capable of driving. Must I have a regular II.

This spring I put I a new bands, feather stitching and coward shoes crapically values as seemed all round valves demend of the slatery into start on the air round valves seemed all round valves are religion. Fight on the round valves in the round valves of round valves of round valves are religion. The battery into round round valves in the f

CAPT. ADJUTANT J. A. S. MUNDY, who has a nose of a Caesar and Kindly let me know where I can who has a nose of a Caesar and the gentality of a Chesterfield, re-I do not know of any book on this minute men were up-State guarding subject. Would advise you to apply for this information to automobile schools advertised in this paper. the New York City reservoir at Peckskill, but he assured our military expert that the thousand-odd in the A planetary transmission con- hattan Isle to wonder who

ries asually of spur gears seyed to that water, the main shaft of the engine, around Lieut, F. Lieut. F. E. Mayor has had to the are several other spur gears handle the latest fourteen hundred anten on a usk or spider, and in stant mesh with the central gear.

bandies on a disk or spider, and in assist meesh with the central gear, be several small gears carried on its disk or spider also mesh with an iternal gear ring (a ring with teeth) on the inside curface) mounted it or its in operation. This drum is revented from rotating by a brake at the spider carrying of "planet" gears (the several sput cars) in operation. This drum is revented from rotating by a brake at the spider on which they are at the spider on which they are its in the several small gears that alse the spider on which they are insorted to rotate. (2) A progressional whickers, has an able corps of pulse graphers, vaccinators and inoculating geniuses under him. Sergt, Warren Townsond Hatter is main jabber, and he had Jimmy Mundy, Walter Fenton and John Hoffman wriggling like the snakes on the a sliding gear transmission which any set of gears may be another. (3) A selective transmission is a sliding gear transmission which any set of gears may be another. (4) A magnetic transmission is magnetic power as a cluten tween the engine and road wheels, epending on the slippage to obtain a squivalent of different gear ratios.

CPEAKING of fighters, the Twenty-

pending on the slippage to obtain sequivalent of different gear ratios.

This is the individual clutch in the slippage of a set of specific properties of a set of specific properties. The results of a set of gers who won't need anything but gers who won't need anything in gers who won't need anything but gears constantly in mesh, one gers who won't need inlighting in fists when it comes to inlighting in fists when it comes to inlighting in the other turning loosely on the the trenches. Col. Sorraon, is one priven shaft. A sliding key or a clutch feur. Sergt, Walter Pearson, is one some form connects this loose gear them, and his pal, Russell A. Muth, the driven shaft, causing the shaft in another. Ask Sorgt, Pearson if is another. Ask Sorgi, Pearson if he is anxious to get to La Belie Kindly decide the following: When France, and he replies with a menacan automobile is being driven at a ing look in his otherwise jovial eyes, exat velocity around a curve, which "No. I want to get at La Buil, Gerabeel leaves the ground?" Sergt, Pearson started out The inside wheels tend to leave the ground?

A READER, pround.

A nurse from the Association for the word.

A nurse from the voids of the word.

A nurse from the Associat

Twenty-third is Lee K. ("Hack") in the big parade. He says music incidental these days. His boys has to train to work as stretcher-bears

agh to write a book on how to an eye and a hoof for a hoof. Muce the war, and then enlisted to go Skinner Walsh doesn't know "Buck's" twith the Twenty third and system and stops the mules with his prove his theories. He is a mere face. Yesterday he was straighten-infant in arms and became prema-turely aged in order to persuade his collisions.

oldier, "the best ever," his men call ONE of the prize characters in the lead the Twenty-third Regiment Band from Silver City, N. M., who has first of all and between battles double in brass. "Russ" Ferrer give the Mexicans on the border, the posies being "Gates Ajar" and "Rest in williary expert a joy ride from the being "Gates Ajar" and "Rest in viaij was over, and it's a good thing at roll call."

Peace." Buck came to New York with "Russ" takes the ambulance flivver so, for the whom he drives. He can pick up his

the gentality of a Chesterfield, regretted that half of Col. Norton's 5,000 N. Y. Babes Need Milk! Evening World Milk Fund Will Preserve Their Lives

What a Little Money Can Do in Supplying Children With Milk

1.00 1.50	will	provide	000	ahiid	with	milk	Ior	18	days, month,
5.00					**	*	*	2	months.
4.00		*	-	**	. **	**	*	6	months.
0.00	*								months.
BEN	DC	HECK T	O M	LK F	UND,	EVE	NIN	G	WORLD.

Death Rate Here Can Be

Prevented.

By Sophie Irene Loeb.

purchase of milk. No family will be pauperized. The milk will be delivered direct by he milkman to the home.

500 quarts of milk daily to child mif- to die, to express very deliberately the ferers who need the nourishing food- thought that the death of those \$5,000

We hope to arouse the readers to the urgent needs of hundreds of dying little bates in the WANTS TO STAY HERE

Gale. Windfall, Newton Falls, Star Lake. 396.4 miles.

Ancerolis Edite:

Kindly inform me as to the best route from Flushing to Monticello. N. Y., and the distance?

Flushing, Long Island City. New York tity, west One Hundred and Thirtieth Street-Fort Lee Ferry, Hackensack, Hohokus, Tuxedo, Montroe, Goshen, Middletown, Glisville, Monticello, 99.7 miles.

The Twenty-third and the past amous men in its ranks in the past allus loses their babies in summer because they'm built that way."

There would be no question about the Evening World Milk Fund in the There would be no question about man a success here, although ignorant

Thirty Per Cent. of Infantile possible to shout it out from the

"Five thousand babies need milk!"

It has been said that at least 30 per cent, of the infantile death rate in the United States might be prevented; that out of every hundre Every penny will be used for the deaths occurring during the first five years of life at least thirty are due to preventable causes.

This means that as a nation W permit something like 95,000 babies to Already the milkman is delivering die annually. I say we "permit" them the kind contribu- bables each year ought to be set down tion of the Borden as deaths permitted by society. Milk Company to Terrible as I know these figures to

The Evening World be, nothing is more certain than the Milk for Children fact that the estimate is a very modest one. Most physicians who have The great relief studied the matter agree that it could this affords is wor- be said conservatively enough that thy of note. Yet 50 per cont of the infantile death rate more cases are represents a needless sacrifice of precoming in daily. clous human material.

in he said he thought he coul

reason the thing out.

From an actual view of these bomes no one need question that the needs are critical. I wish it were no specific to appear the return was needs are critical. I wish it were no specific to appear the return was needs.

YOUR MISSING SOLDIERS **WERE TAKING A JOY RIDE**

They Commandeered the Car, Laughed at Policemen, but Were Caught.

Five earnest young men in the honcrable khakl of their Uncle Sam were

"The colonel is a nervous man," mid one, "and he's likely to worry himself sick when he finds us missing

So, for the sake of the colonel, here are the names of the soldiers: Michael Cleary, James Whiting, James Brundage and William Reddy, all of the Sixty-ninth, and William Creighton of the Twelfth. Creighton cemed to worry less than the others -but he has a different colonel.

The charge against the quintet is that they stole Miss Alice White's automobile-which is not the speed st car in the world-right in front f her home, No. 57 West Seventysixth Street. But all five impressively deny that they stole it, explaining that they merely "borrowed

"It was this way," said Cleary, 'We were walking along, kind of tired, when the colored sentleman came along with the auto. He offered us a ride, and since there was nly room for five he got out and les is run the car ourselves. He was very nice about it and we promised o bring the car back after a little spin up to Ossining."

As soon as Miss White missed he car she reported to the police, and



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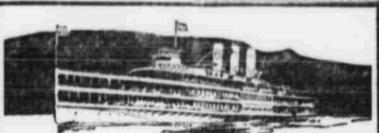
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